



**Professional Services Agreement
CITY OF AUSTIN
RECOMMENDATION FOR COUNCIL ACTION**

**AGENDA ITEM NO.: 10
AGENDA DATE: Thu 02/10/2005
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SUBJECT: Authorize negotiation and execution of a professional services agreement with PARSONS WATER AND INFRASTRUCTURE, INC., Austin, TX, for professional engineering services on the Drainage Infrastructure Geographical Information System Data Acquisition project, in an amount not to exceed \$350,000.

AMOUNT & SOURCE OF FUNDING: Funding is available in the Fiscal Year 2004-2005 Approved Capital Budget of the Watershed Protection and Development Review Department.

FISCAL NOTE: A fiscal note is attached.

REQUESTING	Public Works	DIRECTOR'S
DEPARTMENT:	for Watershed Protection and Development Review;	AUTHORIZATION: <u>Sondra Creighton</u>

FOR MORE INFORMATION CONTACT: Steve Sun, 974-3383; Felix Benavides, 974-7027, Laura Bohl, 974-7064

PRIOR COUNCIL ACTION: N/A

BOARD AND COMMISSION ACTION: N/A

PURCHASING: Best qualification statement of eight received.

MBE / WBE: 16.2% MBE and 14.2% WBE subconsultant participation.

In January 1999, Council approved a professional services agreement with a consultant firm to address the City's need for the development of a comprehensive, accurate and automated drainage infrastructure mapping and data management system. The Waller Creek watershed was chosen as a pilot for the mapping system. The current project is an extension of the Watershed Protection and Development Review Department's pilot Drainage Infrastructure Mapping project that was completed in May 2002. About 50% of the Waller Creek drainage infrastructure has been populated into a geo-database and maintained on the City's Spatial Data Engine (SDE) server. ORACLE was selected as the City's corporate database platform and is the relational database underlying the geo-database.

A level of effort analysis for a citywide drainage infrastructure data collection and mapping project was performed by the 2002 pilot project. The consultant estimated the cost of a citywide project to be \$10 million. Implementation of the citywide project will be conducted in phases subject to funding approval and technical success.

The subject project will focus on data collection and geographical information systems (GIS) mapping for the existing drainage infrastructure within the Austin Central Business District (CBD). The CBD covers the area from Martin Luther King Boulevard to Oltorf Street, and from Hwy Loop 1 to Chicon Street. The area is approximately 10.7 square miles. The selected consultant will collect field data and historical file records, and map all existing drainage infrastructure data within the CBD. The drainage infrastructure consists of storm drains, inlets, manholes, pipes and junctions, outfalls, culverts and ditches that comprise the storm drain system.



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This authorization provides for funding of services for CBD area only. It is anticipated that the cost of this data collection and mapping project will not exceed \$350,000. As future funding is being planned for each phase of this project, additional authorizations may be submitted for Council approval to amend this professional service agreement and provide continuous engineering services. The total amount of this agreement plus future amendments with this recommended firm will be limited to \$1 million.

This request allows for the development of a professional services agreement with the recommended firm. Should the City be unsuccessful in negotiating a satisfactory agreement with the recommended firm, negotiations will cease with that firm. Staff will then return to Council and request authorization to begin negotiations with the alternate recommendation listed below.

Participation subgoals stated in the solicitation were 1.7% African-American, 9.5% Hispanic, 4.7% Native/Asian-American, and 14.2% WBE. The recommended and alternate firms both provided M/WBE Compliance Plans, which were approved by the Department of Small and Minority Business Resources.

Notification of issuance of a Request for Qualifications (RFQ) for the subject services was sent to two hundred eighteen (218) firms on August 17, 2004. The RFQ was obtained by thirty-three (33) firms, and eight (8) firms submitted qualification statements. Evaluation of the eight (8) results in the following recommendation:



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RECOMMENDED FIRM: - PARSONS WATER & INFRASTRUCTURE, INC., AUSTIN, TX –
Total Participation:

<u>NON M/WBE TOTAL – PRIME</u>	<u>54.60%</u>
Parsons Water & Infrastructure, Inc., Austin, TX	54.60%

<u>MBE TOTAL – SUBCONSULTANTS</u>	<u>16.20%</u>
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<u>African American Subtotal</u>	<u>2.00%</u>
(MB) HVJ Associates, Inc., Austin, TX (traffic control planning)	2.00%

<u>Hispanic Subtotal</u>	<u>9.50%</u>
(MH) Martinez, Wright & Mendez, Inc., Austin, TX (surveying)	9.50%

<u>Asian American Subtotal</u>	<u>4.70%</u>
(MA) Raymond Chan & Assoc., Inc., Austin, TX (research and data collection)	4.70%

<u>WBE TOTAL – SUBCONSULTANTS</u>	<u>14.20%</u>
(FH) Kurkjian Engineering Corp., Austin, TX (field data acquisition)	14.20%

<u>NON M/WBE TOTAL – SUBCONSULTANTS</u>	<u>15.00%</u>
URS Corporation, Austin, TX (civil engineering, quality assurance/control)	



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ALTERNATE RECOMMENDATION: - LOCKWOOD ANDREWS & NEWNAM, INC., AUSTIN, TX - Total Participation:

<u>NON M/WBE TOTAL – PRIME</u>	<u>44.40%</u>
Lockwood, Andrews & Newnam, Inc., Austin, TX	44.40%

<u>MBE TOTAL – SUBCONSULTANTS</u>	<u>21.40%</u>
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<u>African American Subtotal</u>	<u>1.70%</u>
(MB) HVJ Associates, Inc., Austin, TX (civil engineering)	1.70%

<u>Hispanic Subtotal</u>	<u>15.00%</u>
(MH) Crespo Consulting Services, Inc., Austin, TX (civil engineering)	15.00%

<u>Asian American Subtotal</u>	<u>4.70%</u>
(MA) Advanced Consulting Engineers, Austin, TX (civil engineering)	4.70%

<u>WBE TOTAL – SUBCONSULTANTS</u>	<u>14.20%</u>
(FR) McGray & McGray Land Surveyors, Inc., Austin, TX (land surveying, surveying, global positioning system)	14.20%

<u>NON M/WBE TOTAL – SUBCONSULTANTS</u>	<u>20.00%</u>
Surveying and Mapping, Inc., Austin, TX (land surveying, surveying, global positioning)	20.00%

**Public Works Department
Evaluation of Consultant Qualifications**

Composite

Received:

September 20, 2004

Project:

Drainage Infrastructure GIS Data Acquisition**EVALUATION MATRIX**

Project Manager:

Steve Sun, P.E.

Firm (or Joint Venture)	[Yes or No] Affidavit	Item 1 [Yes or No] M/W/BE Goals met or G.F.E.	Item 2 [Yes or No] Firm's EEO Program	Item 3 [24] Experience of Project Manager (10) Principal (6)	Item 4 [15] Experience and Availability of Proposed Staff	Item 5 [15 w/subs] [30 w/o subs] Firm's Comparable Project Experience	Item 6 [15 w/subs] [0 w/o subs] Subconsultant Firm's Comparable Project Experience	Item 7 [8] Team's Experience with Austin Issues	Item 8 [12] Team's Structure and Project Approach	Item 9 [11] COA Experience with Prime	[100] SUB TOTAL	Item 10 [25] Optional Interview	[125] TOTAL POINTS
Parsons Water & Infrastructure, Inc.	Y	Y	Y	22.6	13.6	14.4	13.6	8	11.4	11	94.6		94.6
Lockwood, Andrews & Newman, Inc.	Y	Y	Y	19.8	12.2	12	14	8	11.4	11	88.4		88.4
Turner Collier & Braden, Inc.	Y	Y	Y	17	13	12.8	13.8	7.4	10.8	11	85.8		85.8
Weston Solutions, Inc.	Y	Y	Y	17.2	11.6	12.6	13.2	7.8	10.8	11	84.2		84.2
Civil Tech Engineering, Inc.	Y	Y	Y	19.6	10.6	11.2	13.2	6.2	10.4	11	82.2		82.2
BDS Technologies	Y	Y	Y	16.2	9.2	10.6	12.2	6.8	9.4	11	75.4		75.4
Wilbur Smith Associates	Y	Y	Y	15.4	9.8	9.8	12.2	7	9.8	11	75		75
Watershed Concepts	Y	N	Y	0	0	0	0	0	0	0	0		0

DIG04 Project Location



ATTACHMENT 1